

# CARIBBEAN CORAL REEF INSTITUTE



# Threats to Coral Reefs



- Disease
- Bleaching
- Overfishing
- Eutrophication
- Sedimentation
- Overuse
- Anchoring

# To Conserve Coral Reefs

- Research →
- Education
- Management
- Enforcement



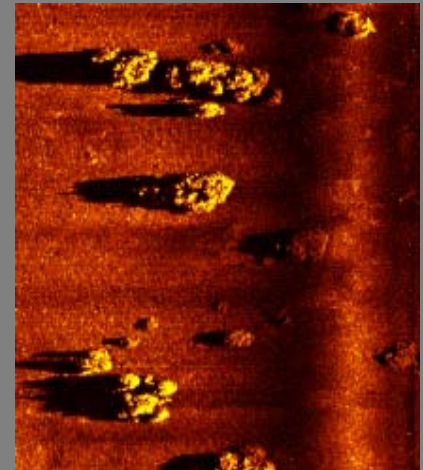
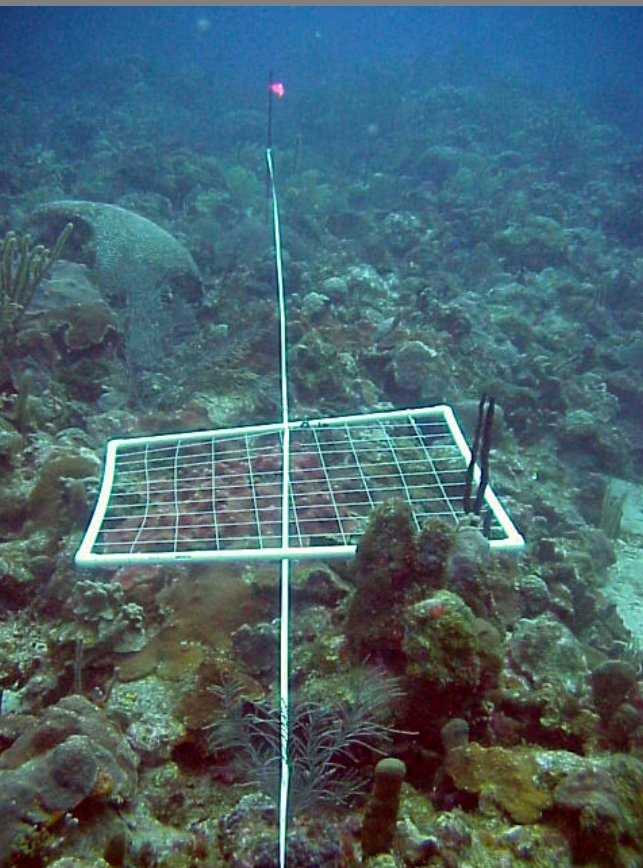
# Research Needs

Basic & Applied  
Science

Development of  
New Techniques  
& Approaches

Management

Monitoring &  
Management  
Assessment



# CCRI as an Approach to Research

- Modeled after Hawaiian Coral Reef Initiative
- Develop, implement, and administer research and monitoring activities
- Interact with government agencies, public and private organizations
- Utilize fully the resource base of the region to collaborate and conduct research

# Structure of CCRI

- Permanent Staff
  - Executive Director
  - Program Manager
  - Assistant Manager
- Management Committee
- Technical Advisory Committee

# Management Committee

- Members knowledgeable of coral reef ecosystem research and management in the region and a demonstrated ability to view problems and issues broadly so as to achieve the purposes of Institute

# Management Committee

- Establish priorities for research, development, and demonstration activities.
- Issue requests for competitive, peer-reviewed proposals.
- Approve projects for inclusion in the Institute.
- Review research and monitoring results



# Initial Research Projects

- Coral Reef Monitoring
- Habitat Mapping
- Assessment of Ornamental Fisheries
- Mona Reef Communities and MPA Design
- Strategies for MPA development & implementation
- Reef fish spawning aggregations
- Cyanobacterial epizoic growth
- Genetic variability in *Acropora* populations
- Coral Recruitment Assessment
- Instrumentation for Coral Reef Early Warning System